

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/080,140

DATE: 05/29/98
TIME: 08:26:59

INPUT SET: S26246.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

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(1) General Information

(i) APPLICANT: BILLING-MEDEL, PATRICIA
COHEN, MAURICE
COLPITTS, TRACEY L.
FRIEDMAN, PAULA N.
GORDON, JULIAN
GRANADOS, EDWARD N.
HODGES, STEVEN C.
KLASS, MICHAEL R.
KRATOCHVIL, JON D.
ROBERTS-RAPP, LISA
RUSSELL, JOHN C.
STROUPE, STEPHEN D.

ENTERED

(ii) TITLE OF THE INVENTION: REAGENTS AND METHODS USEFUL
FOR DETECTING DISEASES OF THE PROSTATE

(iii) NUMBER OF SEQUENCES: 31

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Abbott Laboratories
(B) STREET: 100 Abbott Park Road
(C) CITY: Abbott Park
(D) STATE: IL
(E) COUNTRY: USA
(F) ZIP: 60064-3500

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Diskette
(B) COMPUTER: IBM Compatible
(C) OPERATING SYSTEM: DOS
(D) SOFTWARE: FastSEQ for Windows Version 2.0

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER:
(B) FILING DATE:
(C) CLASSIFICATION:

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: 08/856,653

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/080,140DATE: 05/29/98
TIME: 08:27:00

INPUT SET: S26246.raw

47 (B) FILING DATE: 15-MAY-1997
48
49
50
51 (viii) ATTORNEY/AGENT INFORMATION:
52 (A) NAME: Becker, Cheryl L.
53 (B) REGISTRATION NUMBER: 35,441
54 (C) REFERENCE/DOCKET NUMBER: 6105.US.P1
55
56 (ix) TELECOMMUNICATION INFORMATION:
57 (A) TELEPHONE: 847/935-1729
58 (B) TELEFAX: 847/938-2623
59 (C) TELEX:
60 (2) INFORMATION FOR SEQ ID NO:1:
61
62 (i) SEQUENCE CHARACTERISTICS:
63 (A) LENGTH: 290 base pairs
64 (B) TYPE: nucleic acid
65 (C) STRANDEDNESS: single
66 (D) TOPOLOGY: linear
67
68 (ix) FEATURE:
69 (A) NAME/KEY: base_polymorphism
70 (B) LOCATION: 31
71 (D) OTHER INFORMATION: /note= " N' represents an A or G or
72 T or C polymorphism at this position"
73
74 (ix) FEATURE:
75 (A) NAME/KEY: base_polymorphism
76 (B) LOCATION: 232
77 (D) OTHER INFORMATION: /note= " N' represents an A or G or
78 T or C polymorphism at this position"
79
80 (ix) FEATURE:
81 (A) NAME/KEY: base_polymorphism
82 (B) LOCATION: 275
83 (D) OTHER INFORMATION: /note= " N' represents an A or G or
84 T or C polymorphism at this position"
85
86 (ix) FEATURE:
87 (A) NAME/KEY: base_polymorphism
88 (B) LOCATION: 284
89 (D) OTHER INFORMATION: /note= " N' represents an A or G or
90 T or C polymorphism at this position"
91
92
93 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
94
95 CATTGAGGC CATATAAAGT CACCTGAGGC NCTCTCCACC ACAGCCCACC AGTGACCATG 60
96 AAGGCTGTGC TGCTTGCCCT GTTGATGGCA GGCTTGGCCC TGCAGCCAGG CACTGCCCTG 120
97 CTGTGCTACT CCTGCAAAGC CCAGGTGAGC AACGAGGACT GCCTGCAGGT GGAGAACTGC 180
98 ACCCAGCTGG GGGAGCAGTG CTGGACCGCG CGCATCCGCG CAGTTGGCCT CNTGACCGTC 240
99 ATCAGCAAAG CTGCAGCTTG AACTGCCGTG ATGANTCACA GGANTACTAC 290

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/080,140DATE: 05/29/98
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(2) INFORMATION FOR SEQ ID NO:2:

102

(i) SEQUENCE CHARACTERISTICS:

103

(A) LENGTH: 293 base pairs

104

(B) TYPE: nucleic acid

105

(C) STRANDEDNESS: single

106

(D) TOPOLOGY: linear

107

108

109

110

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

111

GAGGCCCTCT CCACCACAGC CCACCAGTGA CCATGAAGGC TGTGCTGCTT GCCCTGTTGA 60

112

TGGCAGGCTT GGCCCTGCAG CCAGGCACTG CCCTGCTGTG CTACTCCTGC AAAGCCCAGG 120

113

TGAGCAACGA GGACTGCCTG CAGGTGGAGA ACTGCACCCA GCTGGGGGAG CAGTGCTGGA 180

114

CCGCGCGCAT CCGCGCAGTT GGCCTCCTGA CCGTCATCAG CAAAGGCTGC AGCTTGAAC 240

115

GCGTGATGA CTCACAGGAC TACTACGTGG GCAAGAAGAA CATCACGTGC TGT 293

116

117

118

(2) INFORMATION FOR SEQ ID NO:3:

119

(i) SEQUENCE CHARACTERISTICS:

120

(A) LENGTH: 279 base pairs

121

(B) TYPE: nucleic acid

122

(C) STRANDEDNESS: single

123

(D) TOPOLOGY: linear

124

125

126

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

127

CAGTGACCAT GAAGGCTGTG CTGCTTGCCC TGTGATGGC AGGCTTGGCC CTGCAGCCAG 60

128

GCACTGCCCT GCTGTGCTAC TCCTGCAAAAG CCCAGGTGAG CAACGAGGAC TGCCTGCAGG 120

129

TGGAGAACTG CACCCAGCTG GGGGAGCACT GCTGGACCGC GCGCATCCGC GCAGTTGGCC 180

130

TCCTGACCGT CATCAGCAAA GGCTGCAGCT TGAAGTCCGT GGATGACTCA CAGGACTACT 240

131

ACGTGGGCAA GAAGAACATC ACGTGCTGTG ACACCGACT 279

132

133

134

(2) INFORMATION FOR SEQ ID NO:4:

135

(i) SEQUENCE CHARACTERISTICS:

136

(A) LENGTH: 207 base pairs

137

(B) TYPE: nucleic acid

138

(C) STRANDEDNESS: single

139

(D) TOPOLOGY: linear

140

141

142

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

143

GTGACCATGA AGGCTGTGCT GCTTGCCCTG TTGATGGCAG GCTTGGCCCT GCAGCCAGGC 60

144

ACTGCCCTGC TGTGCTACTC CTGCAAAGCC CAGGTGAGCA ACGAGGACTG CCTGCAGGTG 120

145

GAGAACTGCA CCCAGCTGGG GGAGCAGTGC TGGACCGCGC GCATCCGCGC AGTTGGCCCTC 180

146

CTGACCGTCA TCAGCAAAGG CTGCAGC 207

147

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(2) INFORMATION FOR SEQ ID NO:5:

151

152

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PATENT APPLICATION US/09/080,140DATE: 05/29/98
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153 (i) SEQUENCE CHARACTERISTICS:
154 (A) LENGTH: 265 base pairs
155 (B) TYPE: nucleic acid
156 (C) STRANDEDNESS: single
157 (D) TOPOLOGY: linear
158
159
160 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
161
162 CGAGGACTGC CTGCAGGTGG AGAACTGCAC CCAGCTGGGG GAGCAGTGCT GGACCGCGCG 60
163 CATCCGCGCA GTTGGCCTCC TGACCGTCAT CAGCAAAGGC TGCAGCTTGA ACTGCGTGGA 120
164 TGA CTACAG GACTACTACG TGGGCAAGAA GAACATCACG TGCTGTGACA CCGACTTGTG 180
165 CAACGCCAGC GGGGCCCATG CCCTGCAGCC GGCTGCCGCC ATCCTTGCGC TGCTCCCTGC 240
166 ACTCGGCCCTG CTGCTCTGGG GACCC 265
167
168 (2) INFORMATION FOR SEQ ID NO:6:
169
170 (i) SEQUENCE CHARACTERISTICS:
171 (A) LENGTH: 230 base pairs
172 (B) TYPE: nucleic acid
173 (C) STRANDEDNESS: single
174 (D) TOPOLOGY: linear
175
176
177 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
178
179 GTGCTGTGAC ACCGACTTGT GCAACGCCAG CGGGGCCCAT GCCCTGCAGC CGGCTGCCGC 60
180 CATCCTTGCG CTGCTCCCTG CACTCGGCCT GCTGCTCTGG GGACCCGGCC AGCTATAGGC 120
181 TCTGGGGGGC CCCGCTGCAG CCCACACTGG GTGTGGTGCC CCAGGCCTCT GTGCCACTCC 180
182 TCACAGACCT GGCCCACTGG GAGCCTGTCC TGGTTCCTGA GGCACATCCT 230
183
184 (2) INFORMATION FOR SEQ ID NO:7:
185
186 (i) SEQUENCE CHARACTERISTICS:
187 (A) LENGTH: 233 base pairs
188 (B) TYPE: nucleic acid
189 (C) STRANDEDNESS: single
190 (D) TOPOLOGY: linear
191
192 (ix) FEATURE:
193 (A) NAME/KEY: base_polymorphism
194 (B) LOCATION: 70
195 (D) OTHER INFORMATION: /note= " N' represents an A or G or
196 T or C polymorphism at this position"
197
198
199 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
200
201 CTGGCCCACT GGGAGCCTGT CCTGGTTCCT GAGGCACATC CTAACGCAAG TCTGACCATG 60
202 TATGTCTGCN CCCCTGTCCC CCACCCTGAC CCTCCCATGG CCCTCTCCAG GACTCCCACC 120
203 CGGCAGATCA GCTCTAGTGA CACAGATCCG CCTGCAGATG GCCCCTCCAA CCCTCTCTGC 180
204 TGCTGTTTCC ATGGCCCAGC ATTCTCCACC CTTAACCCCTG TGCTCAGGCA CCT 233
205

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RAW SEQUENCE LISTING PATENT APPLICATION US/09/080,140

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206 (2) INFORMATION FOR SEQ ID NO:8:

207

208 (i) SEQUENCE CHARACTERISTICS:

209 (A) LENGTH: 250 base pairs

210 (B) TYPE: nucleic acid

211 (C) STRANDEDNESS: single

212 (D) TOPOLOGY: linear

213

214 (ix) FEATURE:

215 (A) NAME/KEY: base_polymorphism

216 (B) LOCATION: 60

217 (D) OTHER INFORMATION: /note= " N' represents an A or G or
218 T or C polymorphism at this position"

219

220 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

221

222	GTCCTGGTTC	CTGAGGCACA	TCCTAACGCA	AGTCTGACCA	TGTATGTCTG	CACCCCTGTN	60
223	CCCCACCTG	ACCCTCCCAT	GGCCCTCTCC	AGGACTCCCA	CCCGGCAGAT	CAGCTCTAGT	120
224	GACACAGATC	CGCCTGCAGA	TGGCCCCCTCC	AACCCCTCTCT	GCTGCTGTTT	CCATGGCCCA	180
225	GCATTCTCCA	CCCTTAACCC	TGTGCTCAGG	CACCTCTTCC	CCCAGGAAGC	CTTCCCTGCC	240
226	CACCCCATCT						250

227

228 (2) INFORMATION FOR SEQ ID NO:9:

229

230 (i) SEQUENCE CHARACTERISTICS:

231 (A) LENGTH: 259 base pairs

232 (B) TYPE: nucleic acid

233 (C) STRANDEDNESS: single

234 (D) TOPOLOGY: linear

235

236

237 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:

238

239	TAACCCGTG	CTCAGGCACC	TCTTCCCCCA	GGAAGCCTTC	CCTGCCCACC	CCATCTATGA	60
240	CTTGAGCCAG	GTCTGGTCCG	TGGTGTCCCC	CGCACCCAGC	AGGGGACAGG	CACTCAGGAG	120
241	GGCCCAGTAA	AGGCTGAGAT	GAAGTGGACT	GAGTAGAACT	GGAGGACAAG	AGTCGACGTG	180
242	AGTTCCTGGG	AGTCTCCAGA	GATGGGGCCT	GGAGGCCTGG	AGGAAGGGGC	CAGGCCTCAC	240
243	ATTCGTGGGG	CTCCCTGAA					259

244

245 (2) INFORMATION FOR SEQ ID NO:10:

246

247 (i) SEQUENCE CHARACTERISTICS:

248 (A) LENGTH: 253 base pairs

249 (B) TYPE: nucleic acid

250 (C) STRANDEDNESS: single

251 (D) TOPOLOGY: linear

252

253

254 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:

255

256	ATCTATGACT	TGAGCCAGGT	CTGGTCCGTG	GTGTCCCCCG	CACCCAGCAG	GGGACAGGCA	60
257	CTCAGGAGGG	CCCAGTAAAG	GCTGAGATGA	AGTGGACTGA	GTAGAACTGG	AGGACAAGAG	120
258	TCGACGTGAG	TTCTGGGAG	TCTCCAGAGA	TGGGGCCTGG	AGGCCTGGAG	GAAGGGGCCA	180

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SEQUENCE VERIFICATION REPORT
PATENT APPLICATION *US/09/080,140*

DATE: 05/29/98
TIME: 08:27:04

INPUT SET: S26246.raw

Line	Error	Original Text
16	Response Exceeds Line Limitations	STROUPE, STEPHEN D.

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